



VIA ECFS

March 3, 2014

Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth Street, S.W.
Washington, D.C. 20554
Attn: Wireline Competition Bureau

**Re: WC Docket No. 10-90
Rural Broadband Experiment Expression of Interest – Rate-of-Return Areas
Duo County Telephone Cooperative Corporation, Inc.**

Dear Ms. Dortch:

Duo County Telephone Cooperative Corporation, Inc. hereby expresses interest in participating in the Commission's rural broadband experiments to provide robust, scalable high-speed broadband to unserved and underserved high-cost areas with additional Connect America funding.¹ Duo County Telephone Cooperative Corporation, Inc. is a rate-of-return incumbent local exchange carrier serving rural areas of Kentucky.

Currently Duo County Telephone Cooperative Corporation, Inc. has a mix of Fiber-to-the-Home and DSL facilities providing broadband to its customers throughout its service area. Although over 99% of all locations within the regulated service area are at speeds of at least 3 Mbps/786 kbps today, some of the DSL and copper facilities are aging which may cause achieved speeds to degrade and will not support higher speeds expected by customers today. Funds are needed to replace the older DSL and copper that are at the end of life so that Duo County Telephone Cooperative Corporation, Inc. can meet customer demands for scalable high-speed broadband, provide these customers access to their community anchor institutions, and transition to an all-IP network for these 300 locations. The details of the proposed deployment are as follows.

Proposed Service Area

Duo County Telephone Cooperative Corporation, Inc. proposes to upgrade broadband to 300 underserved premises within the regulated service territory in the Bernard Ridge section of Russell County, Kentucky.

Proposed Broadband Service

Voice and Broadband services with broadband transmission speeds of 1 Gbps downstream and 1 Gbps upstream provided over the Fiber-to-the-Home plant funded by this request.

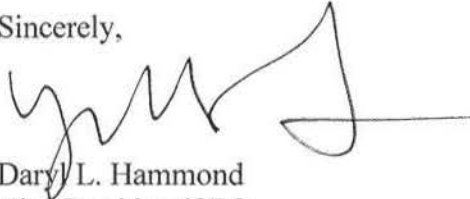
¹ See *Technology Transitions et al.*, GN Docket No. 13-5 et al., Order, Report and Order and Further Notice of Proposed Rulemaking, Report and Order, Order and Further Notice of Proposed Rulemaking, Proposal for Ongoing Data Initiative, FCC 14-5 (rel. Jan. 31, 2014).

Funding

Duo County Telephone Cooperative Corporation, Inc. requests \$2.5M in funding from Connect America Funds in one-time funding and expects service to be upgraded at all 300 premises within one year after construction starts.

Duo County Telephone Cooperative Corporation, Inc. appreciates the opportunity to provide this non-binding expression of interest. Please contact the undersigned with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Daryl L. Hammond', with a long horizontal line extending to the right.

Daryl L. Hammond
Vice President/CFO